



MANUAL DE INSTRUCCIONES
MONITOR TFT LCD PARA RETROVISOR DE AUTOMÓVIL
CTV-1129



ESTIMADO CLIENTE

Felicitaciones por su compra!
Por favor lea cuidadosamente este manual, y guárdelo para su futura referencia.
Si necesita soporte adicional, no dude en escribir a: info@premiermundo.com

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PREMIER

CARACTERÍSTICAS

- Pantalla TFT-LCD y reproductor VCD/DVD
- Sustituto de lente óptico para el retrovisor.
- Se activa automáticamente cuando el coche está retrocediendo.
- Fondo de pantalla azul automático cuando no hay señal de video.
- Dispositivo con ranuras que facilitan la instalación y la desinstalación.

INSTALACIÓN

- Le recomendamos que la instalación sea realizada por un técnico calificado.
- Si el monitor no funciona correctamente, revise primero las conexiones y luego el fusible.
- Una instalación inadecuada del monitor puede provocar que las baterías se derramen o que se produzca un corto circuito.

CONDENSACIÓN

Cuando la temperatura del ambiente desciende significativamente, es posible que se forme condensación dentro del monitor y es necesario que espere unos minutos para que la humedad se evapore antes de volver a usar el equipo.

Ante cualquier consulta sobre este equipo, consulte con su distribuidor.

CUIDADOS DEL CONTROL REMOTO

- No coloque el control remoto sobre el tablero del automóvil, el volante u otro lugar donde quede expuesto a la luz directa del sol, especialmente en verano ya que la temperatura puede deformar el control remoto.
- Cuando deje el automóvil parqueado, coloque el control remoto en la guantera u otro lugar seguro.
- La señal del control remoto falla cuando está bajo la luz directa del sol. Debe colocarlo cerca del inductor del panel frontal

SOBRE LA PANTALLA LCD

- No presione la pantalla LCD ya que podría distorsionarla o dañarla y la imagen será borrosa.

LIMPIEZA

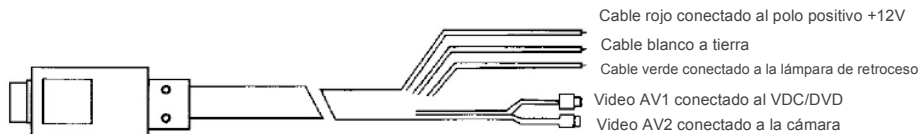
Use un paño suave húmedo para limpiar la pantalla.

No use solventes como gasolina, thinner, limpiadores químicos o agentes antiestáticos.

No use este aparato en temperaturas inferiores a los -20°C o superiores a los 65°C.

- Si estaciona el automóvil en un lugar muy caliente, la imagen no será clara y volverá al estado normal una vez que la temperatura se normalice.
- Los pequeños puntos rojos o azules que podrían aparecer en el monitor, llamados puntos luminosos, es un fenómeno normal en los equipos LCD. Este es un dispositivo de alta precisión y más del 99% de los segmentos son normales, sin embargo menos del 0.01% podrían tener imperfecciones, lo cual no afecta la imagen.

CABLEADO



CONEXIÓN DE LA CÁMARA

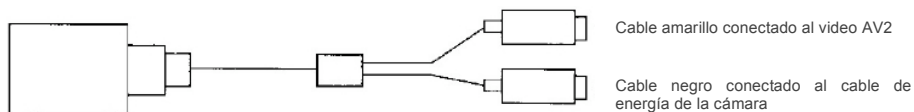
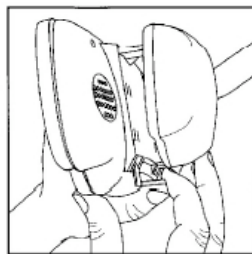
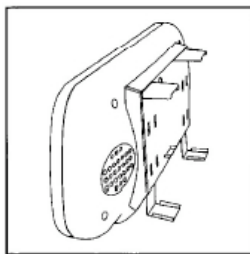


DIAGRAMA DE INSTALACIÓN

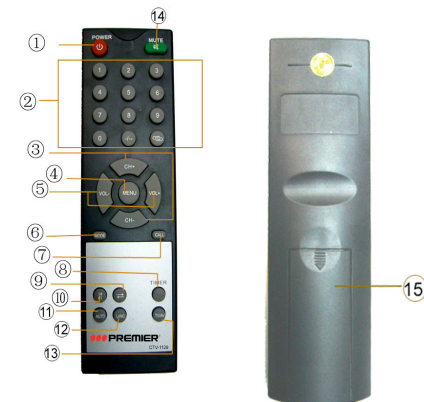


MONITOR



CONTROL REMOTO

1. Botón de Encendido
2. Selector de Canal
3. Ajuste de Canal
4. Menu
5. ajuste de volumen
6. Selector de Modo
7. Botón Call
8. Temporizador (timer)
9. Reversa (derecha / izquierda)
10. Reversea (arriba / Abajo)
11. Búsqueda automática
12. Selector de idioma
13. Interruptor TV/AV1/AV2
14. Mute
15. Cubierta de las baterías ("AAA"X2, no incluidas)



REEMPLAZO DE LAS BATERÍAS

En condiciones normales la batería tiene una duración de 1 año (o menos, dependiendo del uso). Cuando la distancia de operación disminuye significa que la batería está por agotarse.

ACERCA DE LAS BATERÍAS DE LITIO

- Mantenga las baterías lejos del alcance de los niños. En caso de que un niño se trague la batería busque atención médica de inmediato.
- Limpie las baterías con un paño seco para asegurar que haya buen contacto.
- Observe la polaridad cuando instale las baterías.
- No use objetos metálicos para sostener las baterías para evitar corto circuitos.

CUIDADO

El uso inadecuado de las baterías puede causar que estas exploten. No cargue las baterías, no las desarme ni las arroje al fuego.

INSTALACIÓN DE LAS BATERÍAS

- Retire el soporte de la batería presionando el seguro y tirándolo hacia fuera.
- Coloque la nueva batería en el soporte con el lado positivo (+) hacia arriba.
- Vuelva a introducir el soporte de la batería hasta su posición original.

LISTA DE EMPAQUE

Unidad central	1
Control remoto	1
Cable externo	1
Cable de video	1
Manual de instrucciones	1
Control de calidad	1
Cámara	1 (Opcional)

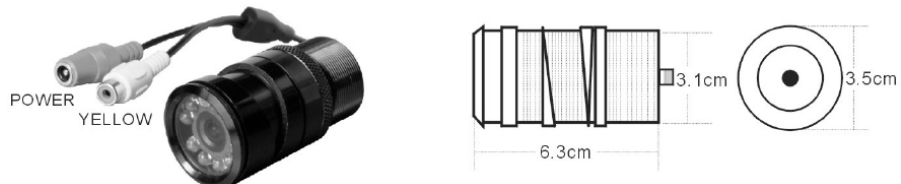
CÁMARA A PRUEBA DE AGUA

CARACTERÍSTICAS

1. A prueba de agua con cubierta súper resistente
2. Visión nocturna
3. Distancia del IR: 1 a 3 metros

CONEXIÓN

1. Conecte el cable amarillo a la entrada de video.
2. Conecte la energía a la entrada DC 12 V \ominus \oplus



ESPECIFICACIONES

Dispositivo	Ranura para tarjeta
Tamaño de la pantalla	TFT color de 7 pulgadas
Resolución	1440 (ancho) x 234 (Alto)
Sistemas	PAL/NTSC
Voltaje	9-15V (cable rojo: positivo, cable negro: negativo)
Consumo de energía	7 watts máximo
Método de control	Botones / Control remoto
Utilidad	Monitor para vehículo y para entretenimiento
Rango de temperatura de uso	-20°C / +65°C
Función	Función de retosivor automático cuando retrocede

Dispositivo de imagen	OV7910	
Sistema de televisión	PAL	NTSC
Pixels efectivos	628 x 582 pixels	510 x 492 pixels
Área sensible	5.78mm X 4.19mm	4.69mm X 3.54mm
Sistema de escaneo	Interlace 2.1	
Sistema de muestreo	Interno	
Resolución	380 líneas de TV	
Frecuencia de muestreo horizontal	15.625 KHz	15.734 KHz
Frecuencia de muestreo vertical	50 Hz	60 Hz
Iluminación mínima	0 Lux	
Salida de video	10Vp-p. 75Ohm	
Consumo Gama	0.45	
AGC	Auto	
Relación señal/ruido	Menos de 48dB	
Balance de blanco	Automático	
Disparador electrónico	1/50 (PAL) o 1/60 (NTSC) ~ 1/15.000 segundos	
BLC	Auto	
Consumo de energía	Max. 200mA	
Fuente de energía	DC 12V	
Temperatura de operación	-10°C ~ 46°C, H.R 95% Máximo	
Temperatura de almacenamiento	-30°C ~ 60°C, H.R. 95% Máximo	
Lente	f=3.6mm/F=2.0	
Ángulo de lente	92°	



**INSTRUCTION MANUAL
CAR BACK-VIEW TFT LCD MONITOR
CTV-1129**



DEAR CUSTOMER

Congratulations for your purchase!
Please read this manual carefully, and keep it for future reference.
If you need extra support, please write to info@premiermundo.com

I、 SPECIFICATION

Model	CTV-1129
Device	Card slot
Screen size	7"color TFT
Definition	1440(W)x234(H)
System	PAL/NTSC
Nominal voltage	9-15V,red line;positive;black line;negative
Power consumption	7W MAX
Way of control	Push button/Remote controller
Purpose	Monitor and vehicle entertainment
Working environment	-20℃~+65℃
Display function	Auto reversing back-view shift (mirror)

II、 FEATURES

- 1.TFT-LCD DISPLAY AND PLAY VCD/DVD
- 2.Special optical lens substitute the original Back-view Mirror
- 3.Automatically shift back-view system when reversing the car
- 4.Automatically wake up reversing Back-view display
- 5.Blue color background automatically appears when video signal disappears
- 6.Slot device simplifies installation and detachment.

III、 ON INSTALLATION

1. We strongly recommend have qualified technician or maintenance engineer install this device.
2. If this monitor does not work well,check the connection first,then the fuse if it the connection is ok.
3. Improper installation of this MONITOR may cause battery leakage or short circuit.

IV、 DEWING

When environmental temperature declines dramatically,dew may occur inside the monitor,user need wait for a minute till the moisture vapors,then the device will return to good condition.

If you have any query or question about this machine,please consult your nearest dealer.

V、 ADDITIONAL INFORMATION

Precautions of remote controller

- 1.DO not place the remote controller on dashboard,steering wheel or any other place under direct sunlight especially in summer,where there is high temperature which may deform the remote controller.
- 2.When parking the car in the sun,please place the card-style remote controller in toolkit or other safe places.
- 3.When exposed in direct sunlight,signal emitting from the remote controller may not be properly received by the monitor.It should be placed nearer to the inductor of frontal panel of the host.

ON LCD

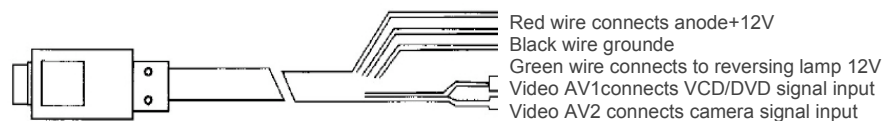
- 1.DO not press the screen of LCD,otherwise distortion or other fault may occur.the image may become unclear or LCD may be damaged.
- 2.Precautions of cleaning
 - Uses a little wet soft cloth to clean the screen.
 - Do not use solvent such as gasoline,thinner,cleanser in the market or anti static spray to clean the screen.

Do not use this product when environmental temperature is lower than -20℃ or higher than +65℃

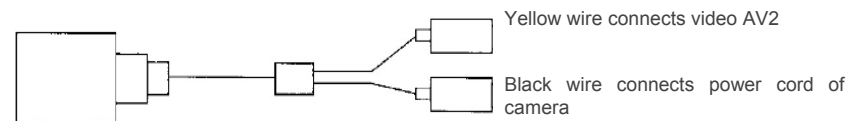
3.If you park your car in an extremely cold or hot place,the video may become unclear,it is not a fault,When the temperature in car returns to normal level,the video will become clear.

4. Static blue or red spot may appear on the monitor,this called light spot,it is a common phenomenon for any kind of LCD.LCD is a very precise device,more than 99.99% segment is normal,but less than 0.01% segment may be flaw,however,this will not affect your visual effects.

VI、 CONNECTION AND INSTALLATION

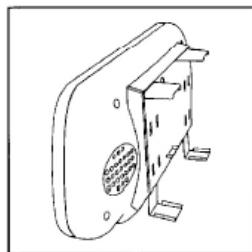


Connection of camera

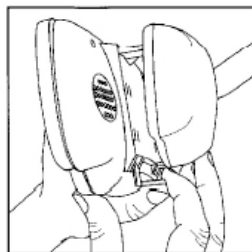


VII、 DIAGRAM OF INSTALLATION:

(See the figure bellow)



Figure(1)



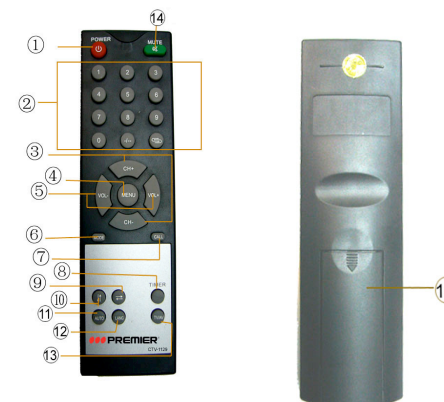
Figure(2)

VIII、 MONITOR



IX、 OPERATIONS OF REMOTE CONTROLLER

1. Power on/off
2. Channel select
3. Channel adjust
4. Menu
5. Volume increase/decrease
6. Mode select
7. Call
8. Timer
9. Left/Right reverse
10. Up/Down reverse
11. Auto search
12. Language select
13. TV/AV1/AV2 switch
14. Mute
15. Battery cover ("AAA"x2, EXCLUDE)



WATERPROOF CAMERA

FEATURE

1. Waterproof without extra housing needed.
2. Night vision available.
3. IR distance: 1M~3M.

OPERATION

1. Yellow socket is for video output.
2. Power socket is connected to DC12V. $\ominus \text{---} \oplus$

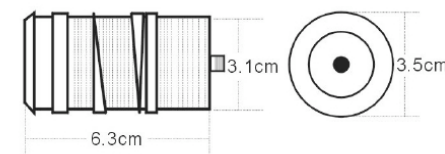


Image Device	Ov7910	
TV System	PAL	NTSC
Effective Pixels	628X582 pixels	510X492pixels
Sensing Area	5.78mmX4.19mm	4.96mmX3.54mm
Scanning System	2:1Interlace	
Sync.System	Interlace	
Resolution	380TV lines	
Horizontal Sync Frequency	15,625kHz	15,734kHz
Vertical Sync Frequency	50Hz	60Hz
Minimum Illumination	0Lux	
Video Output	1.0Vp-p,75Ω	
Gamma Consumption	0.45	
AGC	Auto	
S/N Ratio	Better than 48dB	
White Balance	Auto	
Electyonic Shutter	1/50(PAL)or1/60(NTSC)~1/15,000 Second	
BLC	Auto	
Current Consumption	Max:200mA	
Power Supply	DC12V	
Operating Tempurature	-10℃~46℃,RH95%MAX	
Storage Tempurature	-30℃~60℃,RH95%MAX	
Lens	f=3.6mm/F=2.0	
Lens Angle	92°	

Instruction for Parking Sensor with TV Screen Display

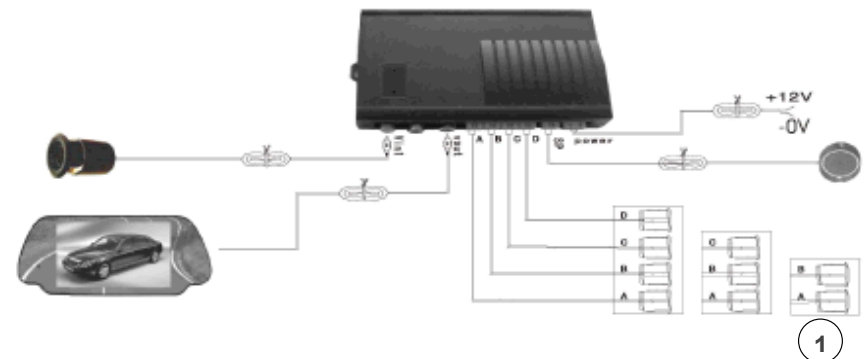
1. Introduction

The TV screen visible indicating system consists of a mainframe, a buzzer,a distance display,rear-camera and 24 ultrasonic sensors,It is the perfect combination of the ultrasonic distance-measuring technology with microcomputer and visible code addition technology.The driver could watch the conditions in rear of the car through screen.Also,on backing the car,the screen will show the condition behind the car and obstacles,meanwhile,the word of "stop" appears on it with sound alarm.

2. Funtions

- On backing the car,the rear camera and sensor work automatically,The screen will show the condition behind car.
- The screen shows the distance between the car and obstacles within 3.0m number,If obstacles are on the left,the arrow on the left of screen will flash.So as to obstacles on the right.
- The visible Reversing RadarSystem is combined with ultraso nic detector,camera(selectrable),TFT(selectable),processing unit.One of the 2 video input cables can connect VCD/DVD player,the other is active during reversing car and indicate character ;there are 2 video outlets well,and one is video output,the other,audio output .The distance between the rear of car and obstacle is detected by the ultrasonic detector installed on the rear,meanwhile,the camera indicate the object image on the monitor.You can judge the safe distance vary with the alarm,distance(in digital on TFT,unit meter),and the image,so as to avoid knock,and create a safe park environment for you.

3.Conecting Method of power wires



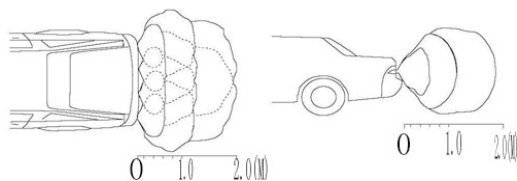
4. Radar Main Function

- 2video input ,1video output
- Active once reverse gear work
- Standard video signal output to external monitor
- Number (unit:meter) indicate the distance from obstacle
- Simulating strip indicate direction of left/right
- 10 level simulating strip indicate distance from obstacle
- Voice alarm
- 2/3/4 sensors
- External or internal ultrasonic detector selectable
- Various direction cameras selectable

5. Technical Specifications:

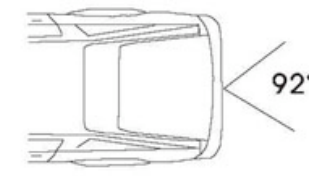
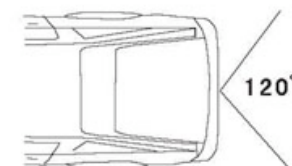
- Rating Voltage: DC 12V (DC24V)
- Working voltage range:DC10.5V~16V;DC16V~28V
- Rating current :200mA~1100mA
- Detecting distance:0.30m-2.00m
- Ultrasonic frequency: 40KHz
- Working temperature range:-30~+85°C

Ultrasonic detection range



2

Image monitor range



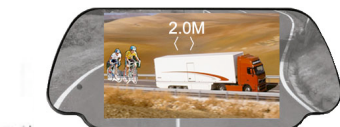
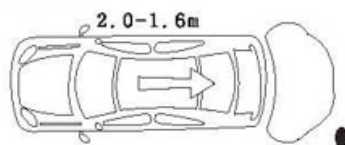
3

Alarm mode

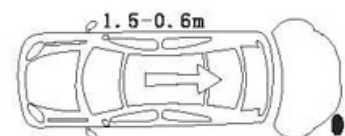
Level	Dist from obstacle	Zone type	Alarm voice	Dist(unit:m)idicated	Simulation strip
1	200cm	Safe zone	2m	2.0	1
2	150cm	Safe zone	1.5m	1.5	4
3	120cm	Safe zone	1.2m	1.2	5
4	100cm	Alarm zone	1m	1	6
5	80cm	Alarm zone	0.8m	0.8	7
6	60cm	Alarm zone	0.6m	0.6	8
7	50cm	Danger zone	0.5m	0.5	9
8	40~0cm	Danger zone	Brake	0	10

Indicating Status

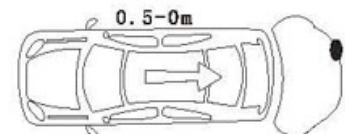
Safe zone



Alarm zone



Danger zone



4

Detector Installation Instruction

Outer-set affixed detector instruction



Ensure detector location, there shall be not obstacle
Within side sight at 90°, otherwise, false alarm occurs.

5

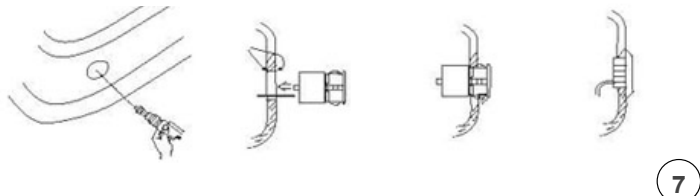
Inner-set affixed detector installation instruction



The best installation location of 2 detectors

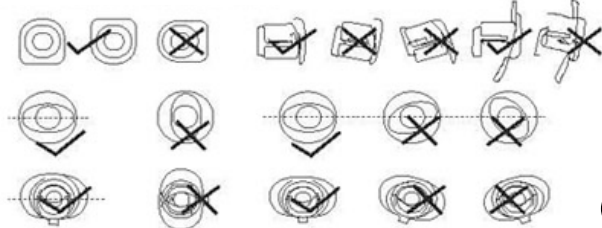
6

Inner-set detector camera hole instruction



7

Detector installation direction instruction



8

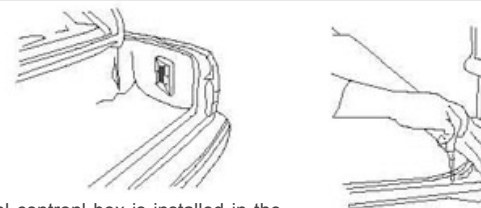


Offer various streamline camera

9

Instruction:

1. Outer-stuck detector apply original imported 3M one-off double-sided tape,affixed area shall be clean.The adhesive ability will reach the best effect in 48 hours since the object is affixed.
2. Shielded cable may not be cut or punched;
3. Sensor shall be installed in the hole drilled on the bumper(See pic:7) ;
4. The direction of detector shall be correct(see pic:8)
5. The arrow mark on the shell of the camera shall be upward,before installation,the detection direction shall be adjusted in electrification state.



11

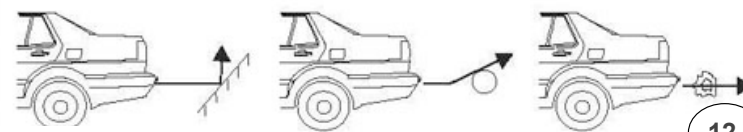
Digital control box is installed in the trunk,the location shall be safe,not hot;not damp;not aplashed,not shakable ,not interfered.

The layout of the cable shall be invisible & good-looking

Slippery slopes

Slippery ball

Sound-absorb object



Not detectable object

12

Installation adjustment&test procedure

1. After detector installation,adjust the direction of detector,and arrange the cable smoothly.
2. Connect the red cable of processing unit and cam era to the poaotive polarity of rear light;the black,negative polarity;(please refer to installation instruction)
3. Connect the video cable following installation instruction.
4. Video-in 2# cable and video-out cable are connected when power is off or the car is not backed;
5. The system will act upon back gear working,signals captured by camera (V-in 1#)will be output after attaching distance digital(V-out).There should be image and a white pointin TFT,indication that the reversing radar is working.

Check methods:

- a. If there is no image in TFT,please check if the polarity of power supply is correct and the power supply is well connected.And check if the voltage is over 9V,or the TFT connector is well plugged.
 - b. If there is irregullar character or "0.0" indicated in TFT or buzz is heard,please recover the backing gear and ty again if the pheomenon is the same,the processing unit shall be defective;the whole unit shall be replaced.
6. The detector shall same the one who within 1.3 m in the right front.
 - a. If detector is plugged into digital box,buzz is heared,and indicate "0.0",user shall check if there is obstacle in front or by the side.And if the detector is too tight or located in heavy vibration/interference place(such as exhaust,wire layout etc.)
 - b. If some value is indicated and there is no obstacle in the front or the sidea,maybe it detected the ground.Please check the direction and of detector and axis.The axis of detector shall be slope up a little.Maybe it caused by project item(such as license plate,apare tire,bumper etc.)

- c. If there still is problem,it's sure that the detector is defective or detector is not complying with digital box,whole unit shall be replaced.

Note:The program of the product:if the detecting range is within 0.3m,TFT will indicate"0.0" for alarm purpose,requesting the driver to stop the car.In this casek,no distance will be showed.If the range is within 0.5m,the alarm will be time-lagged 1sec. upon cancel.

precautions

1. The size of camera and hole of sensor shall be same.
2. While installing the ultrasonic detector,the car engines must be power off.
3. In wet weather of the water flow into detector,or on unevea road,send land,slope,or in too hot/cold/wet or day,or the detector is covered by mud,snow or is feezing,the results will be affected.
4. Any change of ultrasonic / electric wave,DC and AC,24V and 12V etc.maybe affect detection result.
5. Detector shall be fittec with installation.
6. If the detector is installed on iron bumper,maybe the result is affected.
7. Digital box shall keep away from interference location,such as exhaust,wire layout etc.
8. Operation direction shall be tested before utinization.
9. This product is just for alarm;should amy accident occurs,it beyond our company's responsibility.

6.Attention

- a) on hearing continuous sound, the driver should stop the car for the distance detection doesn't activate to the brake devices of the car.
- b) However speed should be kept in backing to avoid colliding with obstacles in parking operation due to inertia.

- c) Remove such substances as ice, snow and mud from the sensor timely.
- d) Avoid flattening, perforating, cutting and extending the wires of sensors during installation.

X. PACKAGING LIST

SN	NAMES	QUANTITY	REMARKS
1	HOST	1	
2	Remote controller	1	
3	Cxternal wire	1	
4	Video wire	1	
5	User's Manual	1	
6	Warrant Card	1	
7	Pass Certificate	1	
8	camera	1	Optional
9	radar	1set	